10-12-01

Practition r's Docket No.

STRATA-6

PATENT

Preliminary Classification

Proposed Class

Subclass

NOTE "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129 ' * M P E P § 601, 7th ed



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

G. Rory Paton-Ash, John Joseph Reinmann, Jr.

WARNING: 37 CFR § 141(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1 63, except as provided for in § 1 53(d)(4) and § 1 63(d) If anoath or declaration as prescribed by § 1 63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1 53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1 17(i) is filed supplying or changing the name or names of the inventor or inventors "

For (title):

LITE MINE ROOF SUPPORT CRIB AND METHOD

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory, Express Mail certification is optional)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

ΔĬ	deposited with the United States Postal Service in an envelope addressed to the Assistant Commis	sioner
	for Patents, Washington, D C 20231	

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 *

with sufficient postage as first class mail

as "Express Mail Post Office to Addressee"

(mandatory) Mailing Label No

TRANSMISSION

facsimile transmitted to the Patent and Trademark Office, (703)

Ansel M. Schwartz

(type or print name of person certifying)

* Only the date of filing (§ 1 6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness See § 1 703(f) Consider "Express Mail Post Office to Addressee" (§ 1 10) or facsimile transmission (§ 1 6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations

(New Application Transmittal [4-1]—page 1 of 12)

Û 3 =

1. Type of Application

This new application is for a(n)

(check one applicable item below)

2		Original (nonprovisional)
		Design
		☐ Plant
WARN	ING:	Do not use this transmittal for a completion in the US of an International Application under 35 USC § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application
WARN	ING:	Do not use this transmittal for the filing of a provisional application
NOTE	TF	one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION IANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION
]	Divisional.
		Continuation
		Continuation-in-part (C-I-P)

2. Benefit of Prior U.S. Application(s) (35 U.S C. §§ 119(e), 120, or 121)

NOTE A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112 Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America, or
 - (ii) Complete as set forth in § 151(b), or
- (iii) Entitled to a filing date as set forth in § 1 53(b) or § 1 53(d) and include the basic filing fee set forth in § 1 16, or
- (iv) Entitled to a filing date as set forth in § 1 53(b) and have paid therein the processing and retention fee set forth in § 1 21(f) within the time period set forth in § 1 53(f)

37 CFR § 1 78(a)(1)

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U S C §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U S application that the application makes reference to under 35 U S C §§ 120, 121 or 365(c) (35 U S C § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U S C §§ 119, 365(a) or 365(b)) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205

(New Application Transmittal [4-1]—page 2 of 12)

WAI	RNING	hi pi	Then the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal oliday within the District of Columbia, any nonprovisional application claiming be nefit of the rovisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the istrict of Columbia. See 37 C.F.R. § 1.78(a)(3).
		tion	e new application being transmitted claims the benefit of prior U.S. applicance). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL HERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. P	aper	s E	nclosed
A.		-	ed for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153) Application
	11	_ P	ages of specification
	5	_ P	ages of claims
	4	_ s	heets of drawing
WAF	RNING	fili sr dr th Fo	O NOT submit original drawings. A high quality copy of the drawings should be supplied when ing a patent application. The drawings that are submitted to the Office must be on strong, white, mooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the rawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 7-62).
NOT	in th or	vento e Offi n the	fying indicia, if provided, should include the application number or the title of the invention, or's name, docket number (if any), and the name and telephone number of a person to call if fice is unable to match the drawings to the proper application. This information should be placed back of each sheet of drawing a minimum distance of 1.5 cm. (% inch) down from the top of ge" 37 C.F.R. § 1.84(c)).
			(complete the following, if applicable)
		a "l	e enclosed drawing(s) are photograph(s). Three (3) sets of photographs and PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)" are attached. 37 F.R. § 1.84(b).
		"PE	e enclosed drawing(s) are in color. Three (3) sets of color drawings and a ETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. 1.84(a)(2) and 1.84(b).
		fort	mal
	X	info	ormal
В.	Oth	er P	Papers Enclosed
	0	Pa	ages of declaration and power of attorney
	1	Pa	ages of abstract
	0	_0	ther
4. A	dditi	ona	l papers enclosed
		Am	endment to claims
			Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
			Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
			(New Application Transmittal [4-1]—page 3 of 12)

		Information Disclosure Statement (37 C.F.R. § 1.98)	
0		Form PTO-1449 (PTO/SB/08A and 08B)	
		Citations	
	3	Declaration of Biological Deposit	
]	Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.	
C		Authorization of Attomey(s) to Accept and Follow Instructions from Representative	
	3	Special Comments	
		Other	
5. Dec	clar	ation or oath (including power of attorney)	
NOTE:	the by the by de pe	newly executed declaration is not required in a continuation or divisional application provided that prior nonprovisional application contained a declaration as required, the application being filed is all or fewer than all the inventors named in the prior application, there is no new matter in the plication being filed, and a copy of the executed declaration filed in the prior application (showing signature or an indication thereon that it was signed) is submitted. The copy must be accompanied a statement requesting deletion of the names of person(s) who are not inventors of the application in filed. If the declaration in the prior application was filed under § 1.47, then a copy of that claration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning son under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently cuted declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)—(3).	
NOTE:	A declaration filed to complete an application must be executed, identify the specification to which is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 3 C.F.R. § 1.63(a)(1)–(4).		
as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If as prescribed by § 1.63 is not filed during the pendency of a nonprovisional applic is that inventorship set forth in the application papers filed pursuant to § 1.53(b), this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying the set of the set o		e inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration or described by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship nat inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name names of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).	
	3	Enclosed	
		Executed by	
		(check all applicable boxes)	
		inventor(s).	
		legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.	
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.	
		☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.	
X]	Not Enclosed.	
NOTE:		ere the filing is a completion in the U.S. of an International Application or where the completion of U.S. application contains subject matter in addition to the International Application, the application	

may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

Preliminary Amendment

(New Application Transmittal [4-1]—page 4 of 12)

	Application is made by a person authorized under 37 behalf of all the above named inventor(s).	C.F.H. § 1.41(c) on
(The d	claration or oath, along with the surcharge required by 37 can be filed subsequently).	C.F.R. § 1.16(e)
	☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.I.	R. § 1.41(d))
6. Invent	orship Statement	
WARNING	If the named inventors are each not the inventors of all the claims an e ownership of the various claims at the time the last claimed invention submitted.	explanation, including the on was made, should be
The inve	ntorship for all the claims in this application are:	
X	The same.	
	or	
	Not the same. An explanation, including the ownership of the time the last claimed invention was made,	he various claims at
	□ is submitted.	
	will be submitted.	
7. Langu	age	
.re	application including a signed oath or declaration may be filed in a lang English translation of the non-English language application and the pr uired by 37 C.F.R. § 1.17(k) is required to be filed with the application, or set by the Office. 37 C.F.R. § 1.52(d).	ocessing fee of \$130.00
X	English	
	Non-English	
	□ The attached translation includes a statement that the rate. 37 C.F.R. § 1.52(d).	translation is accu-
8. Assign		
X	An assignment of the invention to <u>Strata Products</u> (USA), Inc.
	is attached. A separate ☐ "COVER SHEET FOR ASMENT) ACCOMPANYING NEW PATENT APPLICATION 1595 is also attached.	
	will follow.	
ar	an assignment is submitted with a new application, send two separate lette I one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).	
WARNING	A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be in-part application is filed by an assignee. Notice of April 30, 1993, 115	filed when a continuation- 50 O.G. 62-64.
	This is a continuation divisional application and the state of the	
	document for the parent application 0 /	was filed
	on	
		Reel
		Frame
	(New Application Transmi	ittal [4-1]—page 5 of 12)

9. C rtifi d Copy

Certified copy(ies) of application(s)

Country	Appln. N	No.		Filed
Country	Appin. N	No.		Filed
Country	Appln. N	10.		Filed
from which priority is claime	ed			
is (are) attached.				
☐ will follow.				
NOTE: The foreign application declaration. 37 C.F.R. §		claim for	priority must b	pe referred to in the oath or
U.S. application or Intern § 120 is itself entitled to PAGES FOR NEW APPL CLAIMED.	national Application from w priority from a prior foreign ICATION TRANSMITTAL \	rhich this n applica	application cla ation, then com	firectly relates. If any parent tims benefit under 35 U.S.C. plete item 18 on the ADDED RIOR U.S. APPLICATION(S)
10. Fee Calculation (37 C				
A. X Regular application	on			
	CLAIMS AS F	FILED	·	
Number filed	Number Extra	a	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$710,00 740.0
Total Claims (37 C.F.R. § 1.16(c)) 25 -	- 20 = 5	×	\$ 18.00	90.00
Independent Claims (37 C.F.R.			84.00	
§ 1.16(b)) 4 -	-3 = 1	×	\$ 800000	84.00
Multiple dependent claim(s), if any (37 C.F.R. § 1.16(d))		+	\$270.00	
	elling extra claims is			
	ting multiple-depende			•
NOTE: If the fees for extra claims	the time period set for re	must be	paid or the clain	ns cancelled by amendment, and Trademark Office in any
nouce of ree delicities.	Filing Fee Calculation	OD		\$ 914.00
B. Design applicatio (\$310.00—37 C.F	n .	~ 11		<u> </u>
(\$310.00—37 C.F		.		&
	Filing Fee Calculation	on		\$

(New Application Transmittal [4-1]—page 6 of 12)



C. Plant application (\$480.00—37 C.F.R. § 1.16(g))

Filing fee calculation

11. Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27

NOTE: 37 C.F.R. § 1.27(c) deals with the assertion of small entity status, whether by a written specific declaration thereof or by payment as a small entity of the basic filing fee or the fee for the entry into the national phase and states:

- "(c) Assertion of small entity status. Any party (person, small business concern or nonprofit organization) should make a determination, pursuant to paragraph (f) of this section, of entitlement to be accorded small entity status based on the definitions set forth in paragraph (a) of this section, and must, in order to establish small entity status for the purpose of paying small entity fees, actually make an assertion of entitlement to small entity status, in the manner set forth in paragraphs (c)(1) or (c)(3) of this section, in the application or patent in which such small entity fees are to be paid.
 - (1) Assertion by writing. Small entity status may be established by a written assertion of entitlement to small entity status. A written assertion must:
 - (i) Be clearly identifiable;
 - (ii) Be signed (see paragraph (c)(2) of this section); and
 - (iii) Convey the concept of entitlement to small entity status, such as by stating that applicant is a small entity, or that small entity status is entitled to be asserted for the application or patent. While no specific words or wording are required to assert small entity status, the intent to assert small entity status must be clearly indicated in order to comply with the assertion requirement.
 - (2) Parties who can sign and file the written assertion. The written assertion can be signed by:
 - (i) One of the parties identified in § 1.33(b) (e.g., an attorney or agent registered with the Office), § 3.73(b) of this chapter notwithstanding, who can also file the written assertion;
 - (ii) At least one of the individuals identified as an inventor (even though a § 1.63 executed oath or declaration has not been submitted), notwithstanding § 1.33(b)(4), who can also file the written assertion pursuant to the exception under § 1.33(b) of this part; or
 - (iii) An assignee of an undivided part interest, notwithstanding §§ 1.33(b)(3) and 3.73(b) of this chapter, but the partial assignee cannot file the assertion without resort to a party identified under § 1.33(b) of this part.
 - (3) Assertion by payment of the small entity basic filing or basic national fee. The payment, by any party, of the exact amount of one of the small entity basic filing fees set forth in §§ 1.16(a), (f), (g), (h), or (k), or one of the small entity basic national fees set forth in §§ 1.492(a)(1), (a)(2), (a)(3), (a)(4), or (a)(5), will be treated as a written assertion of entitlement to small entity status even if the type of basic filing or basic national fee is inadvertently selected in error.
 - (i) If the Office accords small entity status based on payment of a small entity basic filing or basic national fee under paragraph (c)(3) of this section that is not applicable to that application, any balance of the small entity fee that is applicable to that application will be due along with the appropriate surcharge set forth in § 1.16(e), or § 1.16(f).
 - (ii) The payment of any small entity fee other than those set forth in paragraph (c)(3) of this section (whether in the exact fee amount or not) will not be treated as a written assertion of entitlement to small entity status and will not be sufficient to establish small entity status in an application or a patent."

WARNING: 37 C.F.R. § 1.27(c)(4): "Assertion required in related, continuing, and reissue applications. Status as a small entity must be specifically established by an assertion in ach related, continuing and reissu application in which status is appropriate and desired. Status as a small ntity in on application or patent does not affect the status of any other application or patent, regardless of the relationship of th applications or patents. The refiling of an application under § 1.53 as a continuation, divisional, or continuation-in-part application (including a continued prosecution application under § 1.53(d)), or the filing of a reissue application, requires a new assertion as to continued entitlement to small entity status for the continuing or reissue application."

WARNING: "Small entity status must not be established when the person or persons signing the statement can unequivocally make the required self-certification." M.P.E.P., § 509.03 (emphasis added).
(complete the following, if applicable)
☐ Status as a small entity was asserted in the prior application
/, filed on, from which benefit is being claimed for this application under:
35 U.S.C. §
and which status as a small entity is still proper and asserted for this application.
 A copy of the written assertion of small entity filed in the prior application is included.
NOTE: A refund based on establishment of small entity status, of a portion of fees timely paid in full prior to establishing status as a small entity may only be obtained if an assertion under § 1.27(c) and a request for a refund of the excess amount are filed within three months of the date of the timely payment of the full fee. The three-month time period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).
Filing Fee Calculation (50% of A, B or C above)
\$_457.00
12. Request for international-Type Search (37 C.F.R. § 1.104(d))
(complete, if applicable)
☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

ee	Payı	m nt Being Made at This Tim			
	Not	Enclosed			
		No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § subsequently.)	1.16(e)	can be	paid
K	Enc	closed			
	X	Filing fee	\$	457.00	
		Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$		
		inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached	¢		
		•	Ψ		
		specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$		
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$`.		
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$		
fa 3: ei	iling to 7 C.F.I ither th	o complete the application pursuant to 37 C.F.R. § 1.53(f) and this, R. §§ 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit ne basic filing fee must be paid, or the processing and retention fee	as well a of a prior	s the chang U.S. applic	ges to ation,
		Total fees enclosed	\$	457.0	0
1ett	nod (of Payment of Fees			
X	Atta	ched is a 🗵 check 🔲 money order in the amount of	\$ <u>457</u>	.00	
	Auth	norization is hereby made to charge the amount of \$			
		to Deposit Account No.			
		to Credit card as shown on the attached credit card in tion form PTO-2038.	nformati	ion autho	riza-
VING	: Cre	edit card information should not be included on this form as it may	y become	public.	
		• • • • • • • • • • • • • • • • • • • •	dit any	overpayr	nent
		A duplicate of this paper is attached.			
		Not In Not I	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § subsequently.) Enclosed Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i)) For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k)) Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(i)) Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e)) 37 C.F.R. § 1.21(i) establishes a fee for processing and retaining any application for complete the application pursuant to 37 C.F.R. § 1.53(f) and this, 37 C.F.R. § 1.53 and 1.78(a)(1), indicate that in order to obtain the benefit either the basic filing fee must be paid, or the processing and retention fee within 1 year from notification under § 53(f). Total fees enclosed Total fees enclosed Total fees enclosed Total fees enclosed	□ Not Enclosed □ No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) subsequently.) ☑ Enclosed ☑ Filing fee \$ ☑ Filing fee \$ □ Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) \$ □ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §\$ 1.47 and 1.17(ii)) \$ □ For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §\$ 1.52(d) and 1.17(k)) \$ □ Processing and retention fee (\$130.00; 37 C.F.R. §\$ 1.53(d) and 1.21(ii)) \$ □ Processing and retention fee (\$40.00; 37 C.F.R. § 1.21(e)) \$ □ 37 C.F.R. § 1.21(i) establishes a fee for processing and retaining any application that failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well a 37 C.F.R. § 1.21(i) establishes a fee for processing and retention fee of § 1.21 within 1 year from notification under § 53(f). □ Total fees enclosed □ □ Authorization is hereby made to charge the amount of \$ under the processing and retention fee of § 1.21 within 1 year from notification under § 53(f). □ Total fees enclosed □ □ Authorization is hereby made to charge the amount of \$ under the processing and reten	□ Not Enclosed □ No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can be subsequently.) ☑ Enclosed ☑ Filing fee \$ 457.00 ☑ Filing fee \$ 457.00 □ Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) □ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(ii)) \$ 50.00 □ For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k)) \$ 50.00 □ Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l)) \$ 50.00 □ Processing and retention fee (\$130.00; 37 C.F.R. § 1.21(e)) \$ 50.00 □ ST C.F.R. § 1.21(l) establishes a fee for processing and retaining any application that is abandom failing to complete the application pursuant to 37 C.F.R. § 1.53(h) and this, as well as the superior of the processing and retention fee of § 1.21(l) must be within 1 year from notification under § 53(h). □ Total fees enclosed \$ 1.21(l) must be within 1 year from notification under § 53(h). □ Authorization is hereby made to charge the amount of \$ 1.21(l) must be within 1 year from notification under \$ 53(h). □ Authorization is hereby made to charge the amount of \$ 1.21(l) must be within 1 year from notification under \$ 53(h).

15. A	uthoria	zation to Charg Additional Fees
WARN	ING: //	no fees are to be paid on filing, the following items should not b completed.
WARN		ccurately count claims, especially multiple dependent claims, to avoid unexpected high charges, extra claim charg s are authorized.
C	fol	e Office is hereby authorized to charge, in the manner shown above, the lowing additional fees that may be required by this paper and during the entire ndency of this application.
	X	37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
	X	37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
NOTE:	must of set for to auti	se additional fees for excess or multiple dependent claims not paid on filing or on later presentation only be paid or these claims cancelled by amendment prior to the expiration of the time period response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not notize the PTO to charge additional claim fees, except possibly when dealing with amendments inal action.
		37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
		37 C.F.R. § 1.17(a)(1)–(5) (extension fees pursuant to § 1.136(a)).
		37 C.F.R. § 1.17 (application processing fees)
NOTE:	or futua as inco charge constru an exte § 1.17	written request may be submitted in an application that is an authorization to treat any concurrent re reply, requiring a petition for an extension of time under this paragraph for its timely submission, or porating a petition for extension of time for the appropriate length of time. An authorization to all required fees, fees under § 1.17, or all required extension of time fees will be treated as a active petition for an extension of time in any concurrent or future reply requiring a petition for ension of time under this paragraph for its timely submission. Submission of the fee set forth in (a) will also be treated as a constructive petition for an extension of time in any concurrent replying a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. 6(a)(3).
		37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
NOTE:	of a No	an authorization to charge the issue fee to a deposit account has been filed before the mailing stice of Allowance, the issue fee will be automatically charged to the deposit account at the time ing the notice of allowance. 37 C.F.R. § 1.311(b).
NOTE:	entity s fee even if	R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small tatus must be filed in the application prior to paying, or at the time of paying, the issue "From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made the fee is paid as "other than a small entity" and (b) no notification is required if the change nother small entity.

16. Instructions as to Overpayment

NOTE:	"	. Amounts of twenty-five dollars or less will not be returned unless specifically requested within
	a re	easonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may
	be	returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).
Ω	X	Credit Account No. 19-0737
) .	Refund

Reg. No. 30,587

Tel. No. (412) 621-9222

Customer No.

SIGNATURE OF PRACTITIONER

Ansel M. Schwartz

(type or print name of attorney)

201 N. Craig Street, Suite 304

P.O. Address

Pittsburgh, PA 15213

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Ш	Incor	p ration by reference if added pages
	pi st th	theck the following item if the application in this transmittal claims the benefit of trior U.S. application(s) (including an international application entering the U.S. tage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF RIOR U.S. APPLICATION(S) CLAIMED)
		Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
		Number of pages added
		Plus Added Pages for Papers Referred to in Item 4 Above
		Number of pages added
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
		Number of pages added
		Plus "Assignment Cover Letter Accompanying New Application"
		Number of pages added
X	State	ment Where No Further Pages Added
		no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following item)
	X	This transmittal ends with this page.